

FIG. 1

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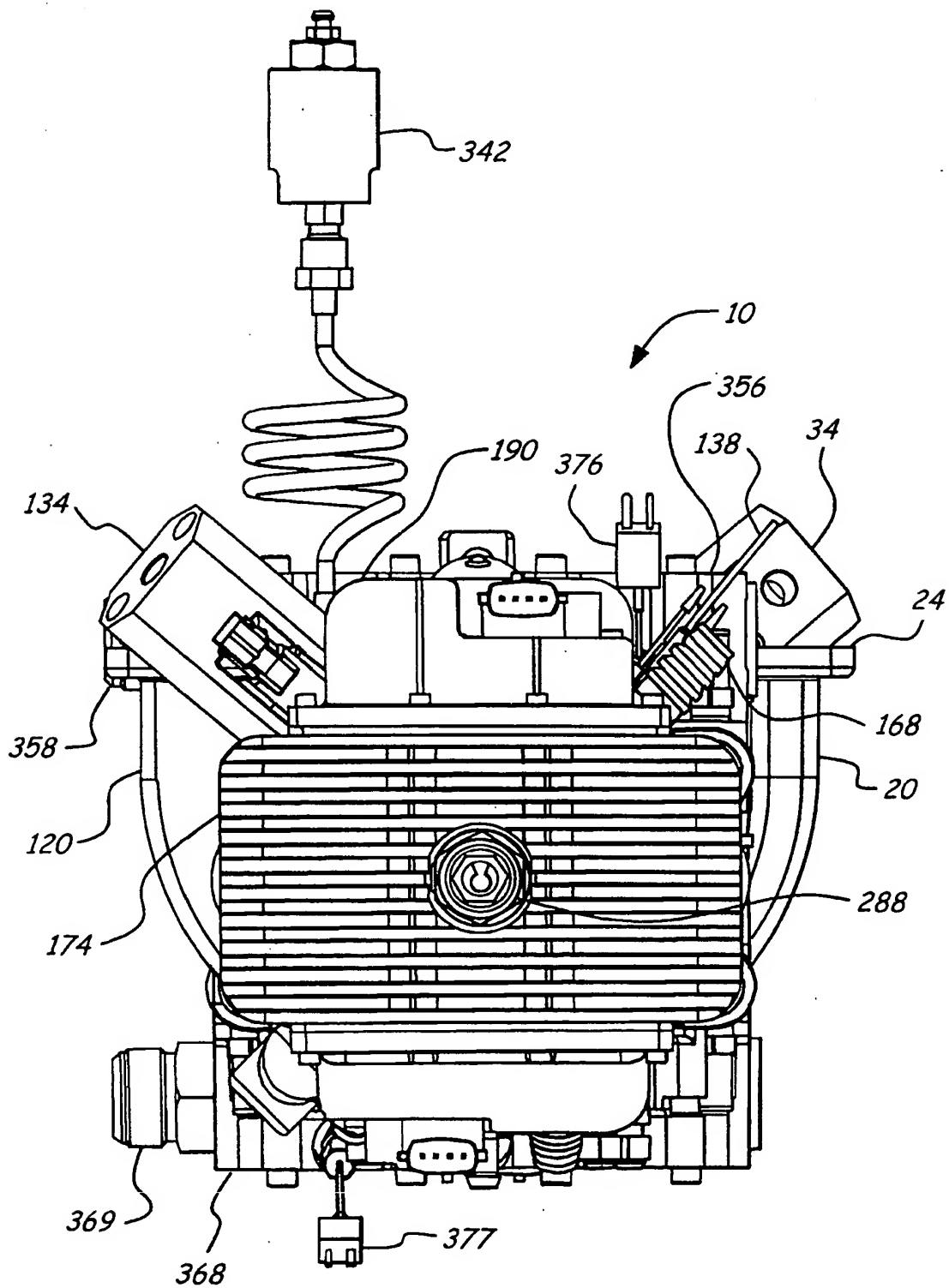


FIG. 2

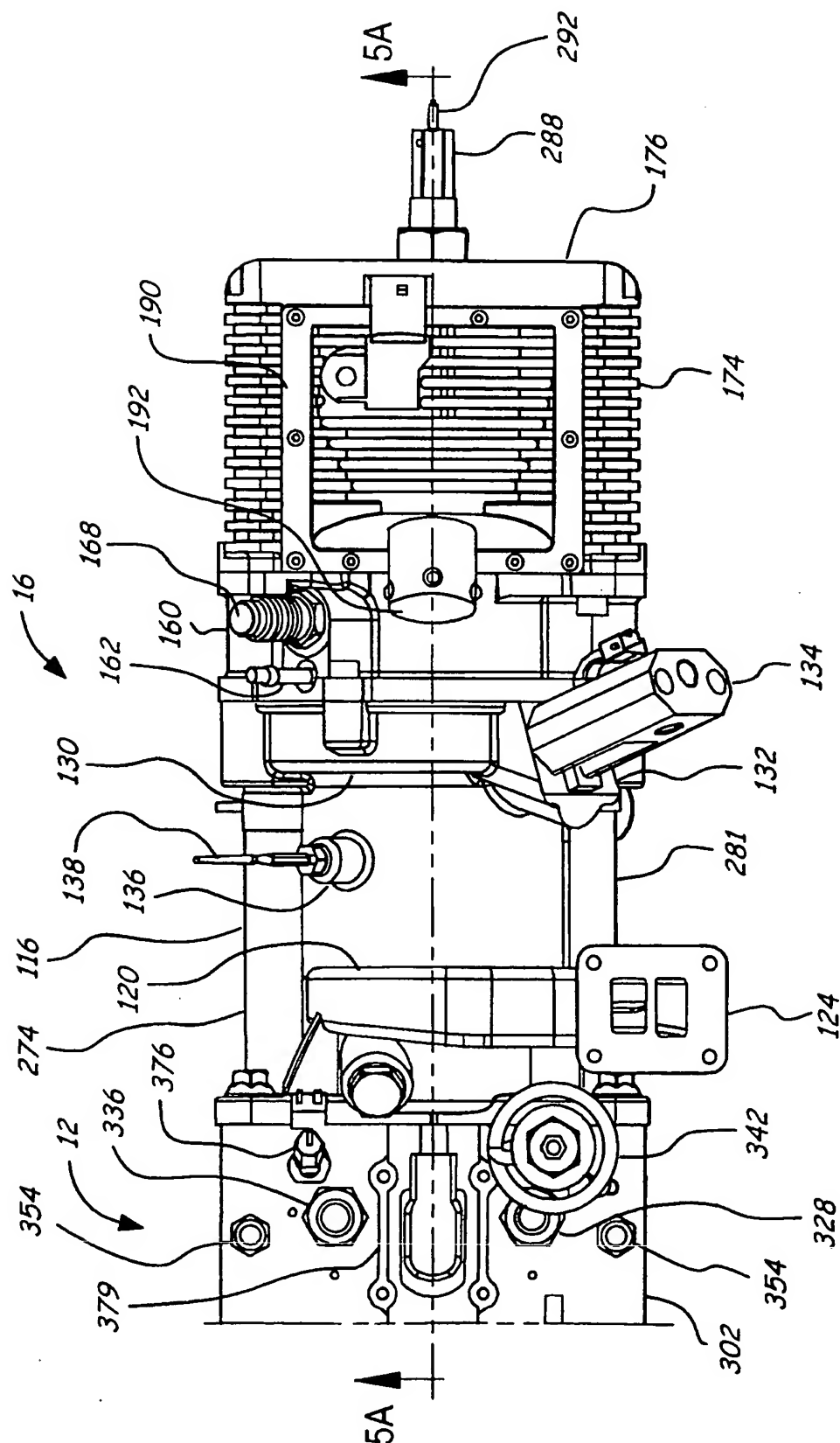


FIG. 3A

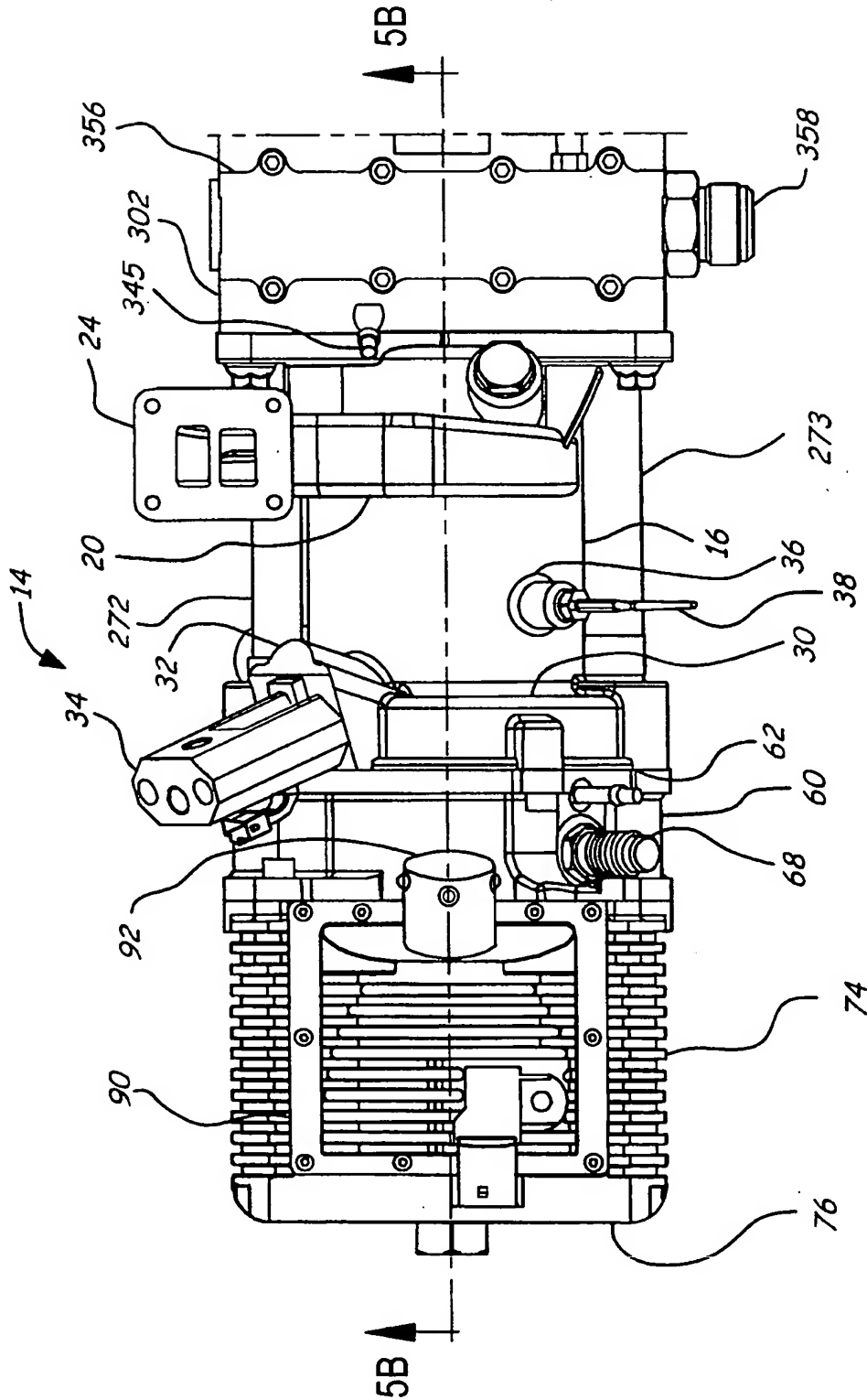
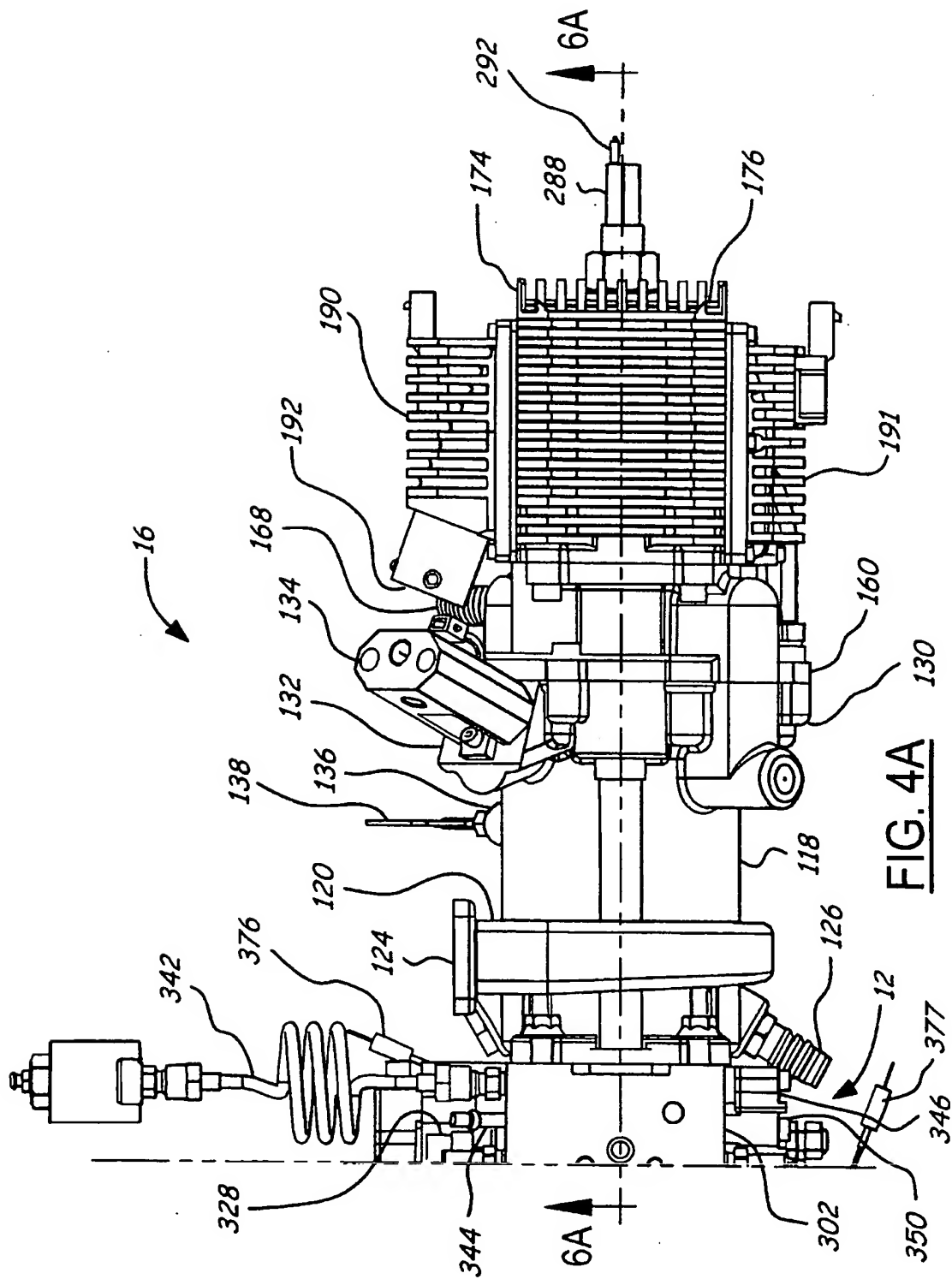


FIG. 3B



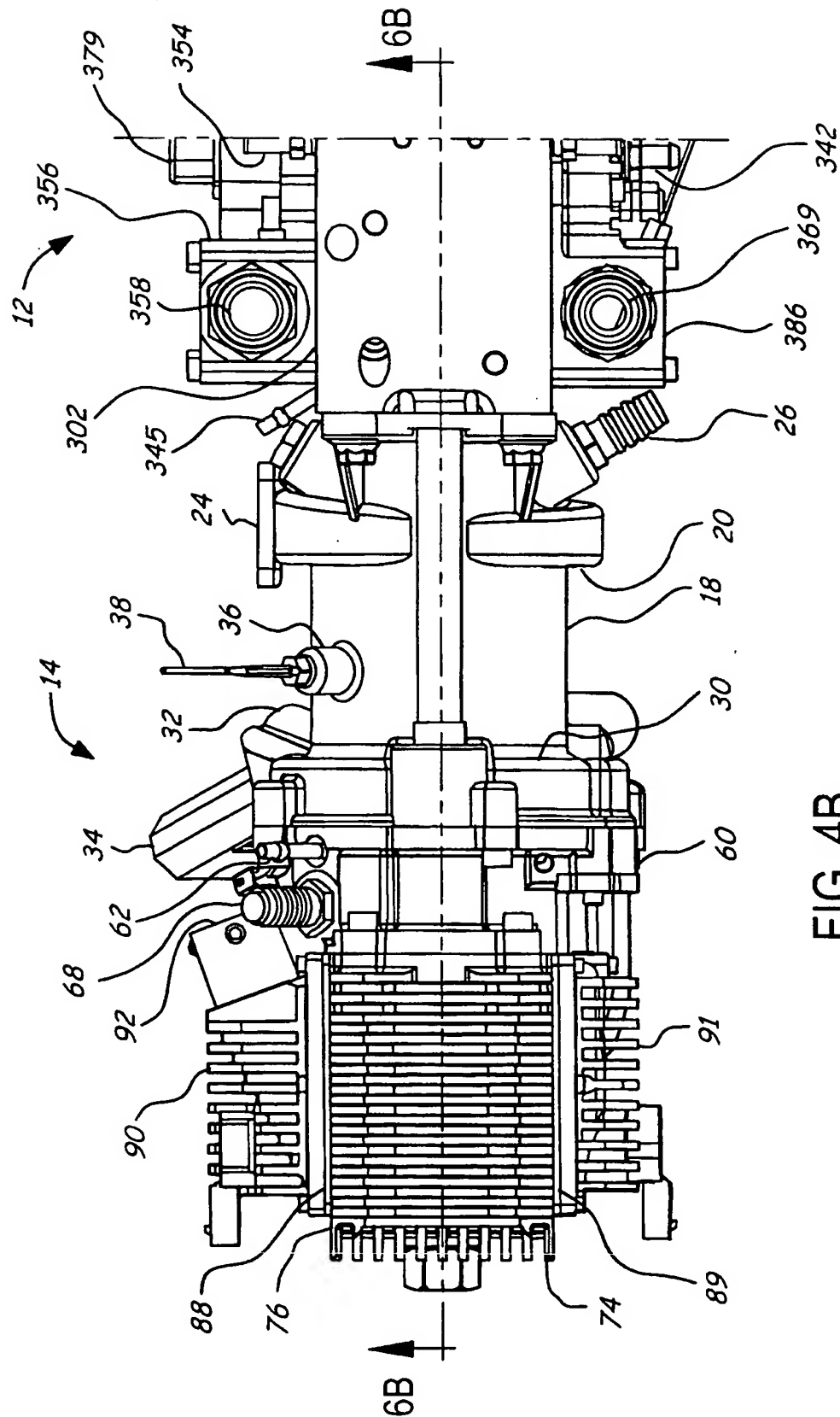


FIG. 4B

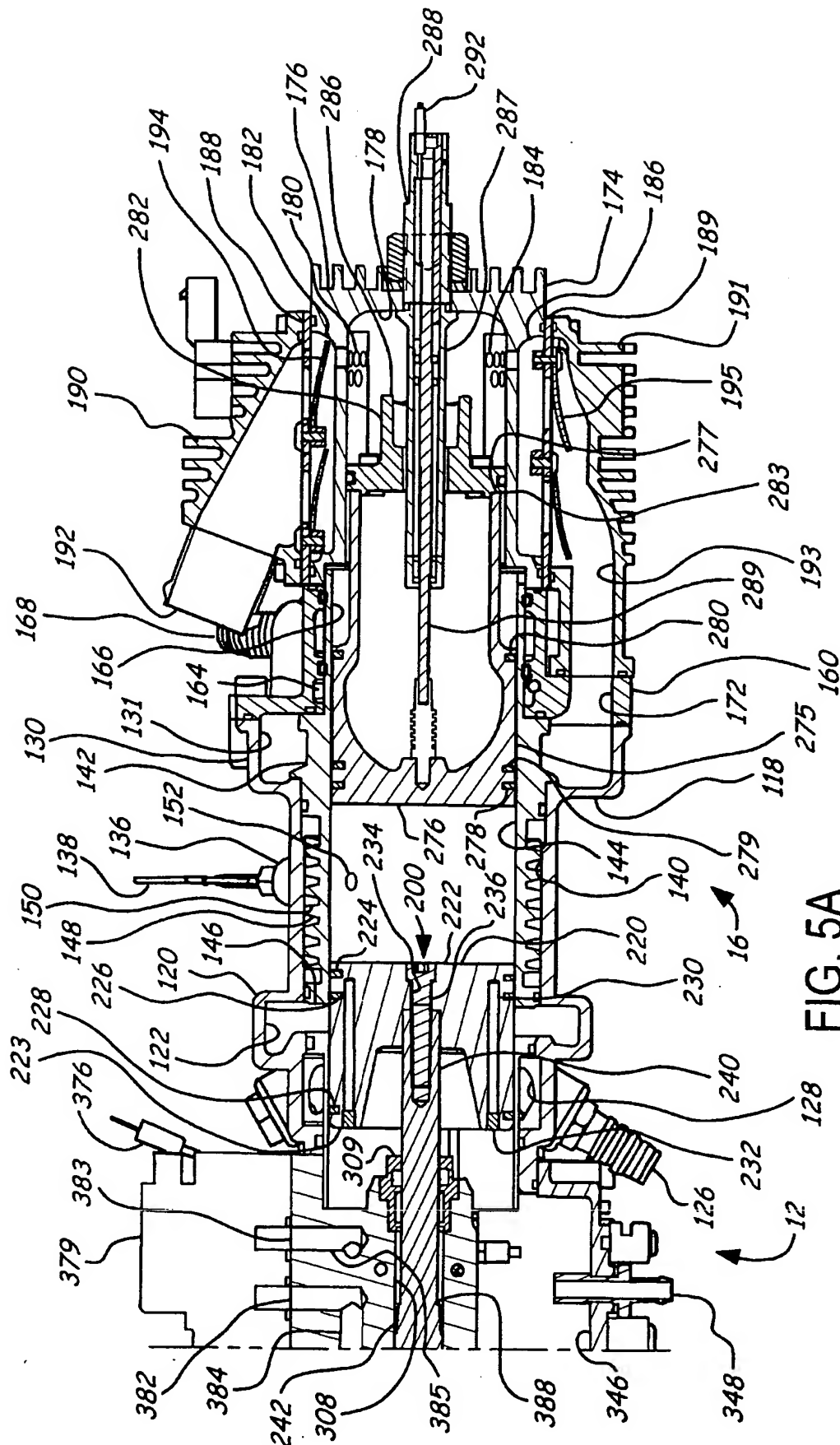


FIG. 5A

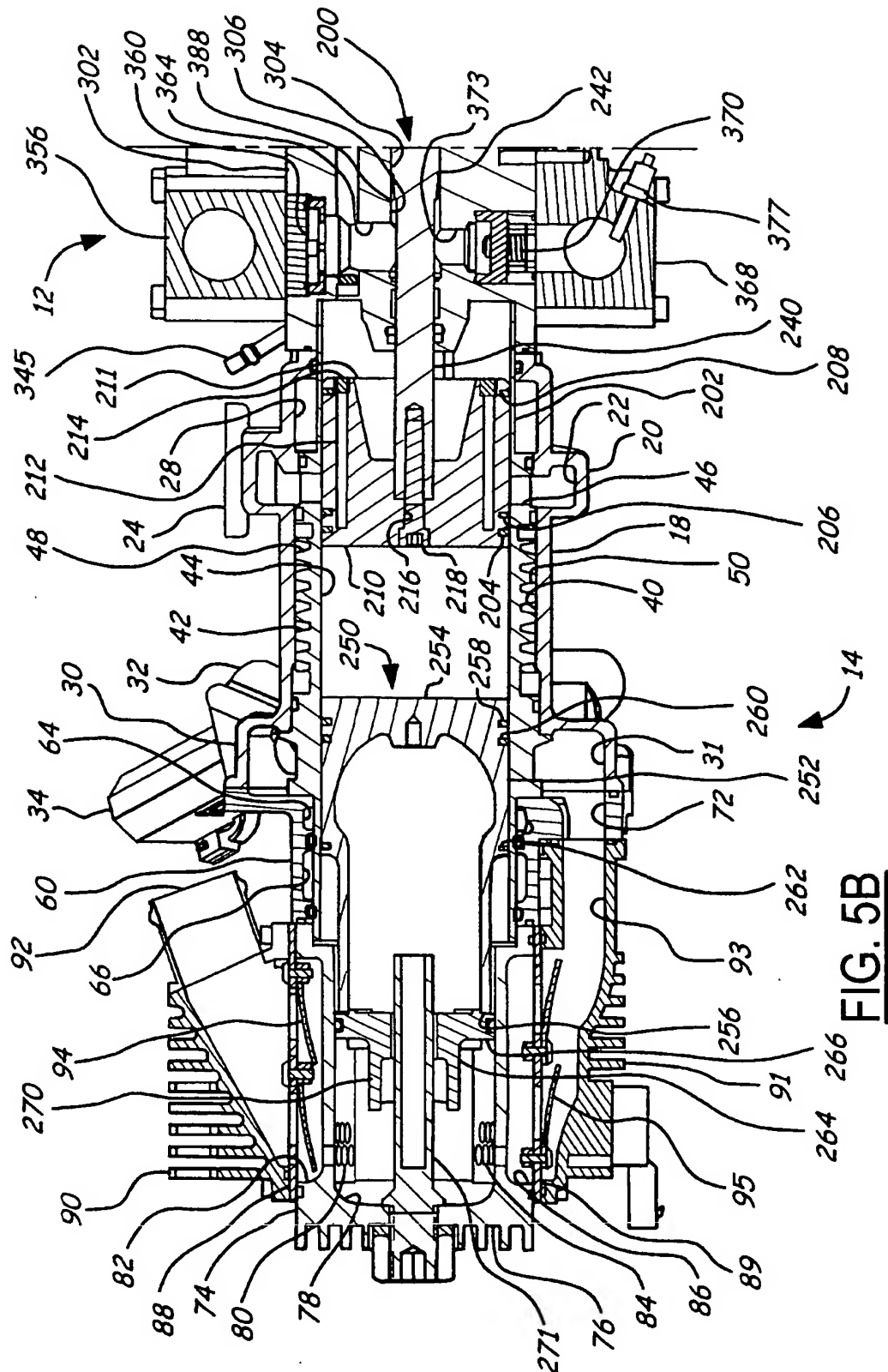


FIG. 5B

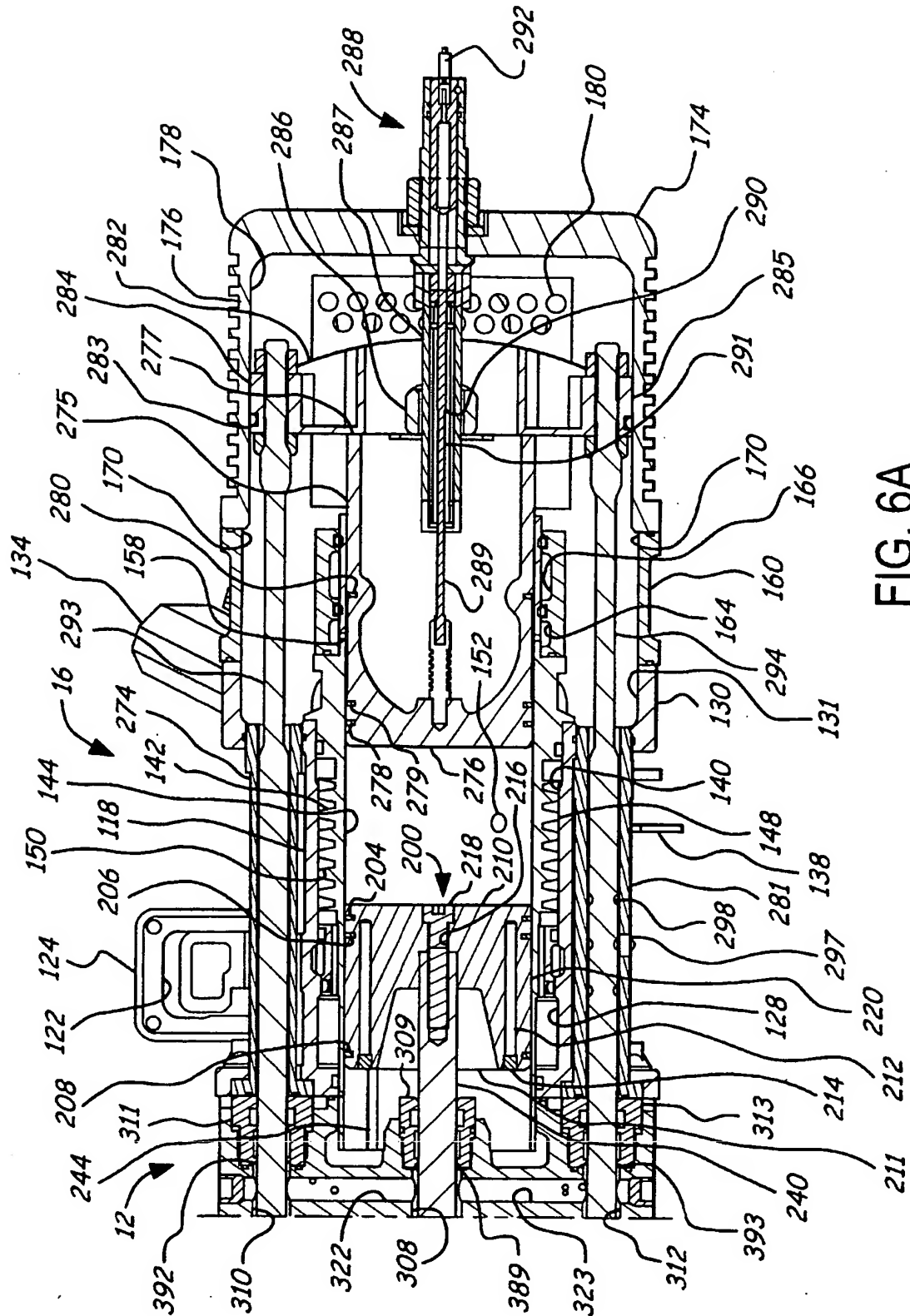
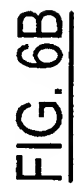


FIG. 6A



**Title: AIR CHARGING SYSTEM FOR AN OPPOSED
PISTON OPPOSED CYLINDER FREE
PISTON ENGINE**

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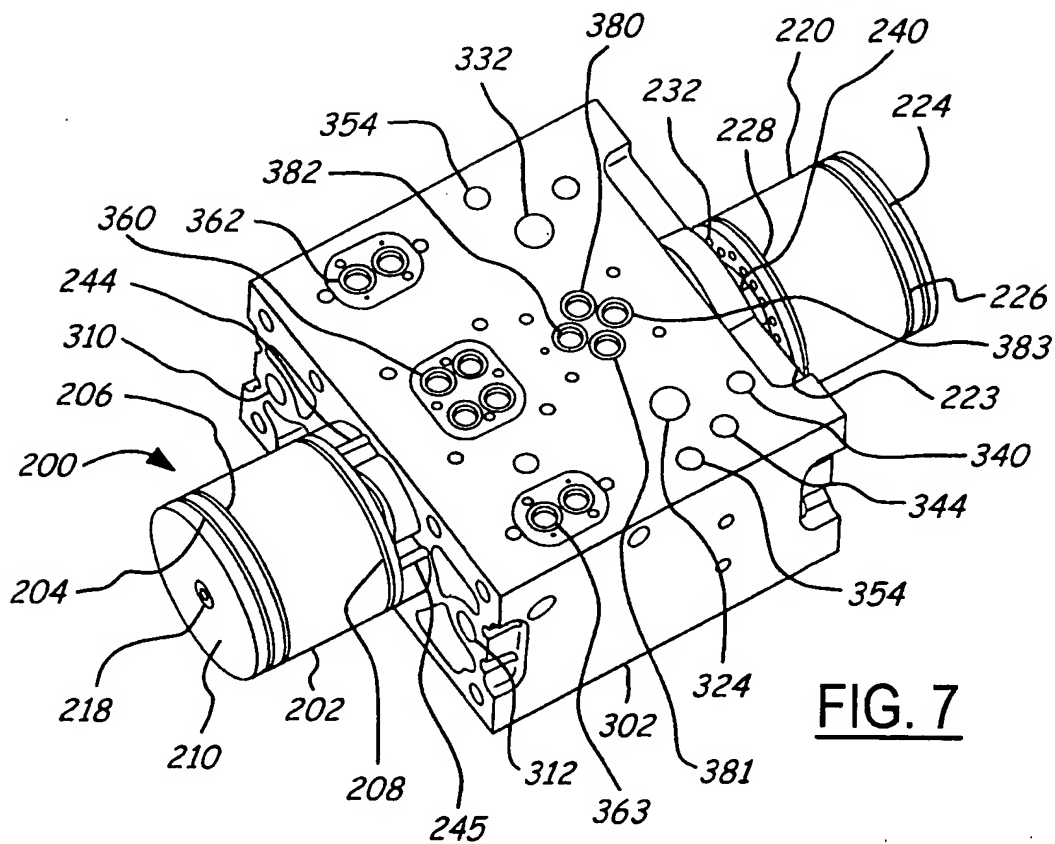


FIG. 7

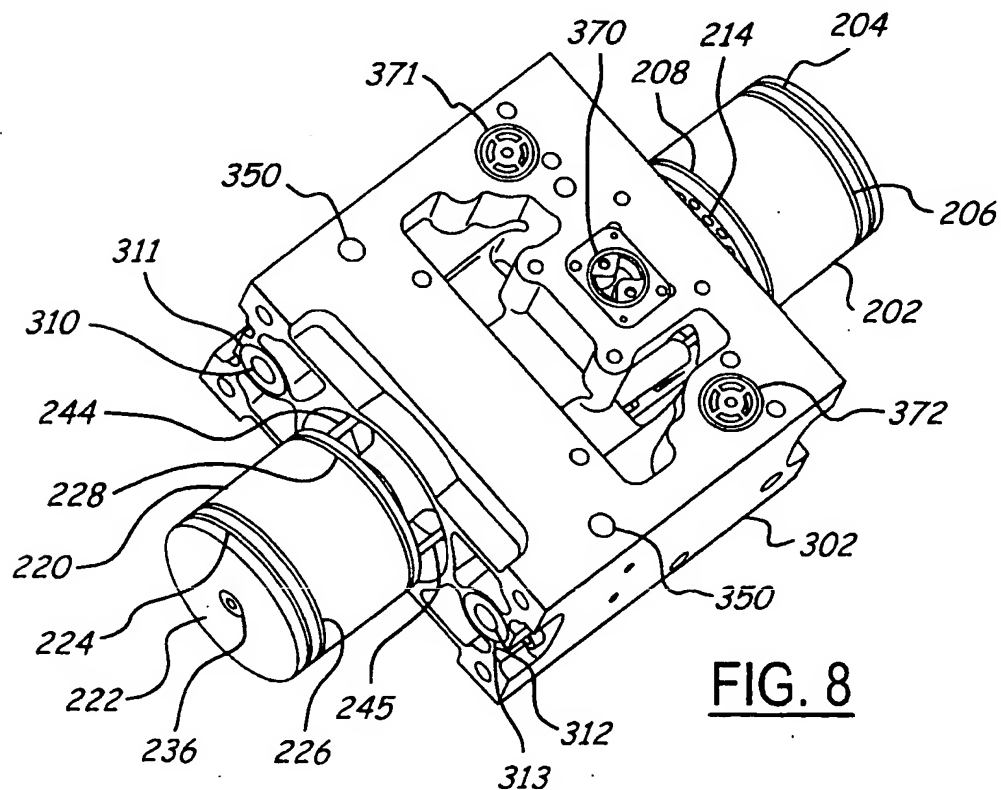


FIG. 8

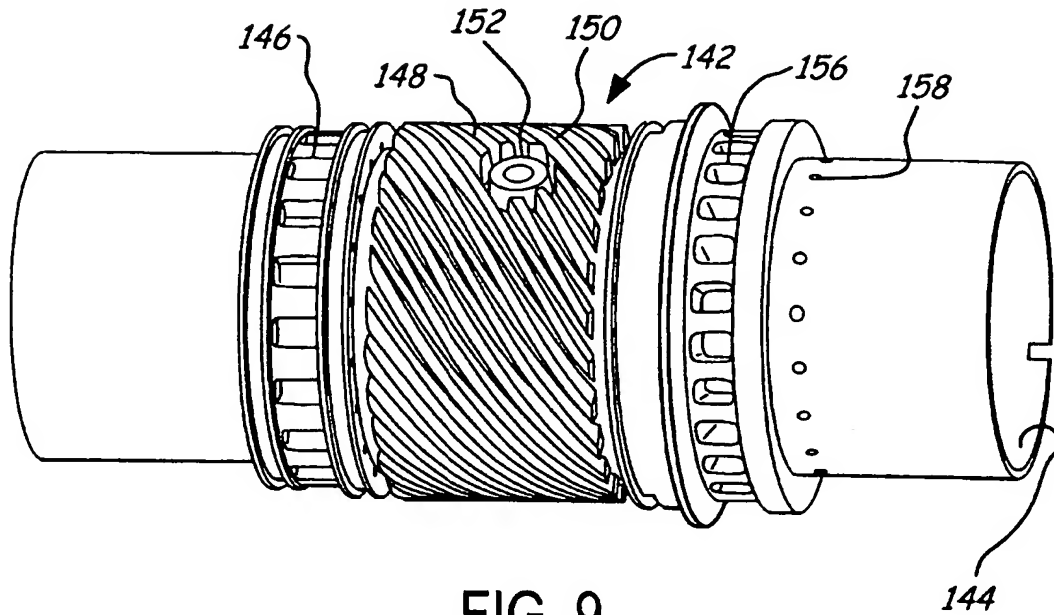


FIG. 9

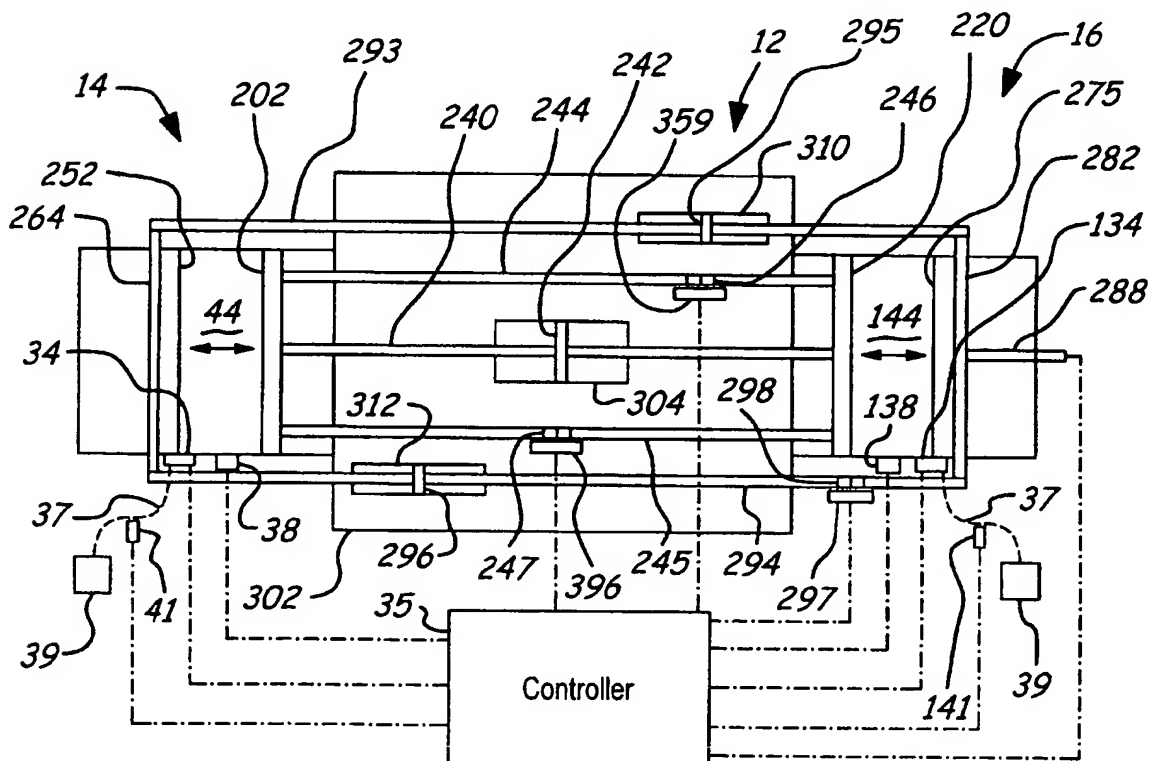


FIG. 11

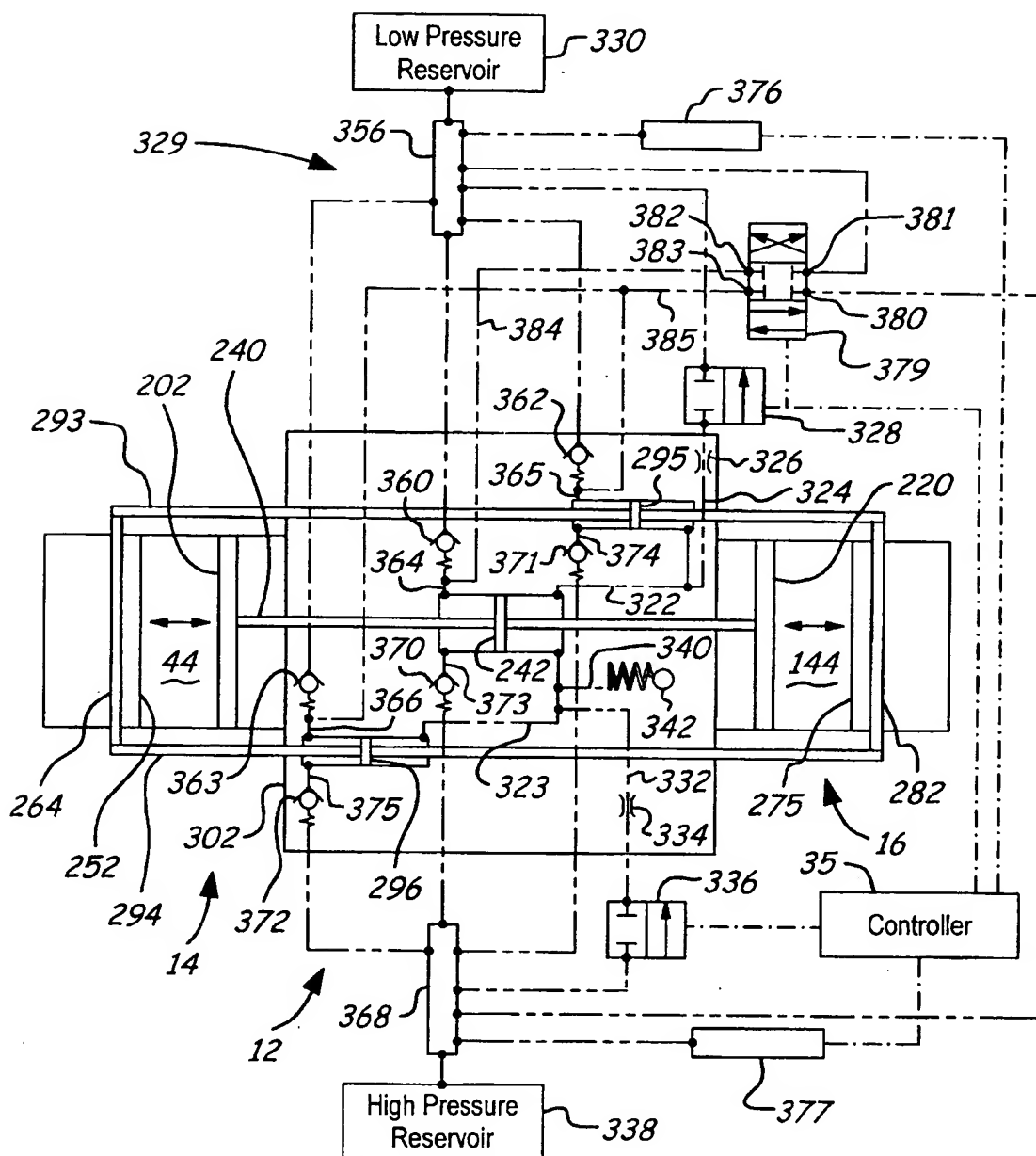


FIG. 10

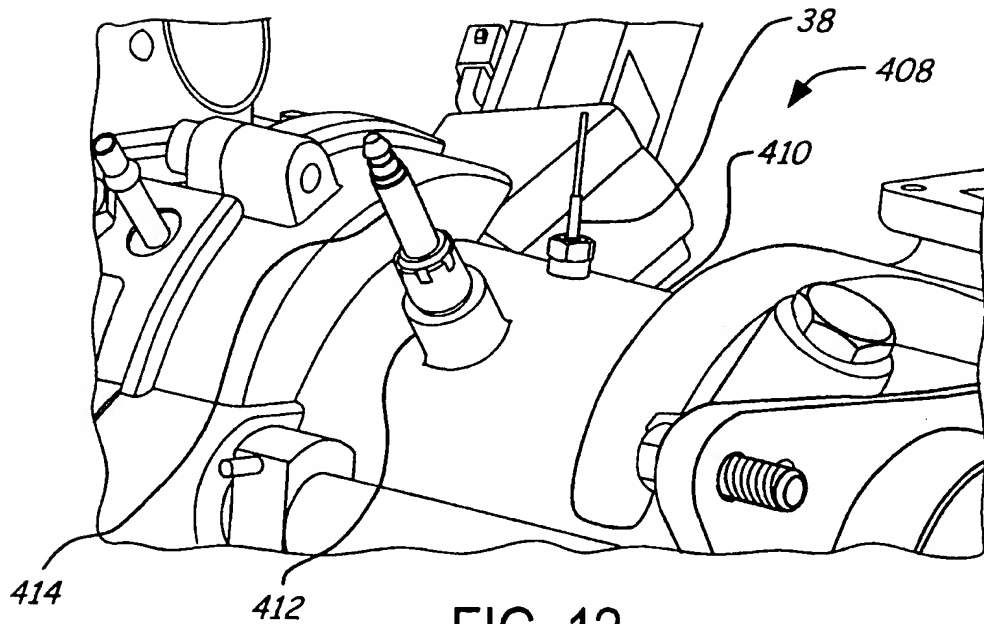


FIG. 12

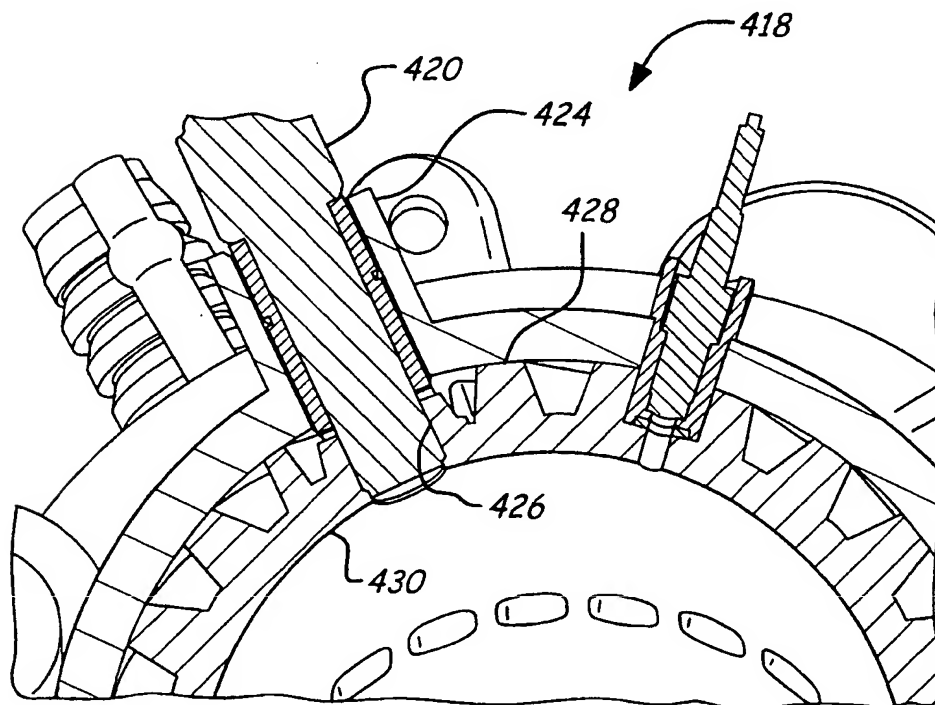
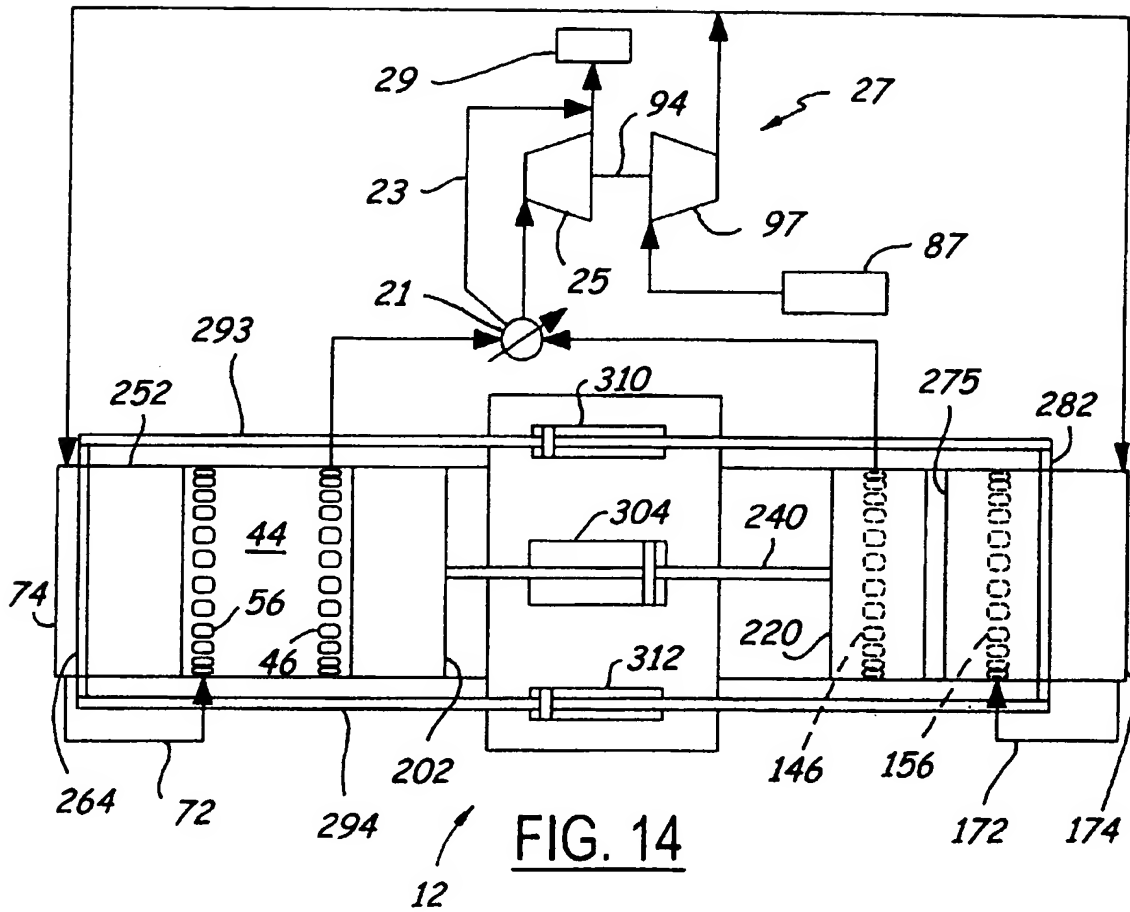


FIG. 13



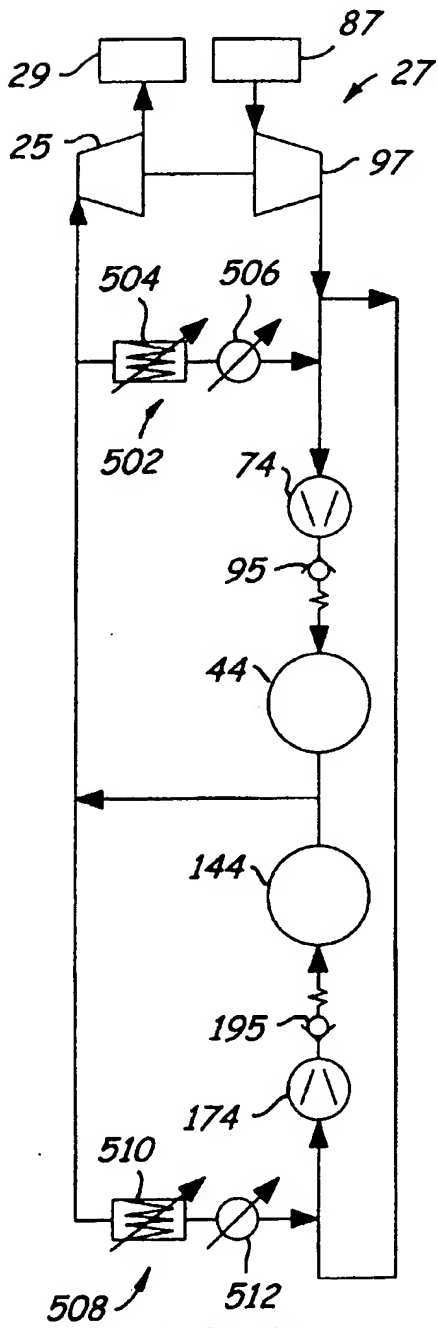


FIG. 15

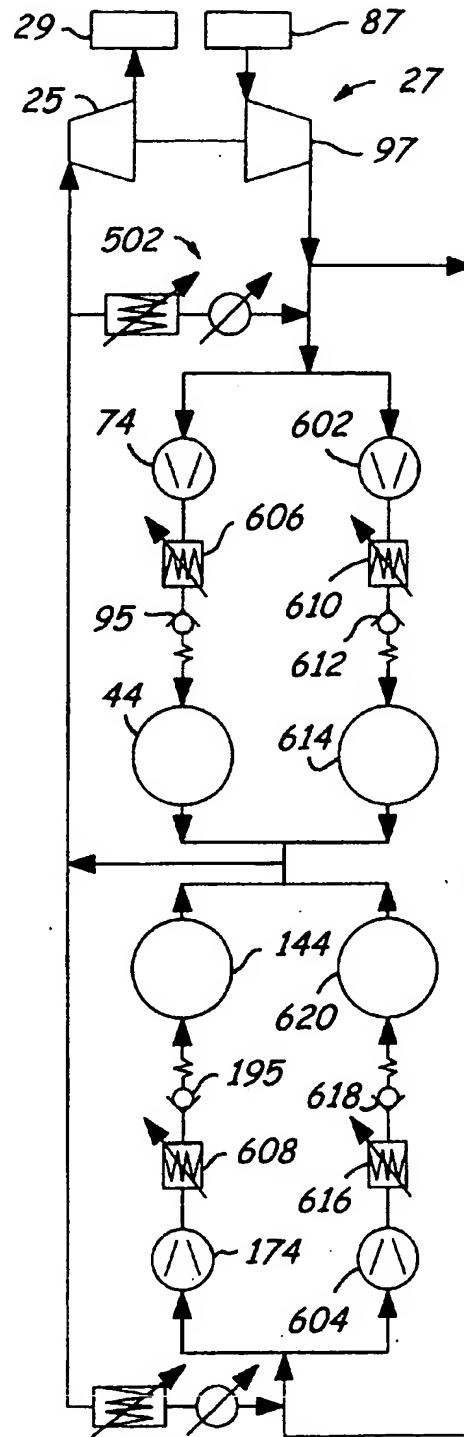


FIG. 16